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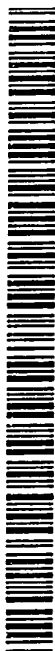
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- (75) Inventors/Applicants (*for US only*): GARNER, Archie, Wayne [US/US]; 452 148 Avenue NE, Ham Lake, MN 55304 (US). ROBERTSON, Brian, Allan [CA/CA]; 74 Columbia Avenue, RR #1, Long Sault, Ontario K0C 1P0 (CA). MELNYK, Thomas, John [US/US]; 10645 Greenfield Road, Greenfield, MN 55357 (US).
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(54) Title: URETHANE ACRYLATE GEL COAT RESIN AND METHOD OF MAKING

(57) Abstract: An improved urethane acrylate gel coat resin, its method of manufacture, and its use in gel coat compositions are disclosed. The urethane acrylate gel coat resin contains terminal acrylate moieties and is the reaction product of an oligoester of weight average molecular weight about 200 to about 4000, a diisocyanate, and a hydroxyalkyl (meth)acrylate. The gel coat resin is used in gel coat compositions that exhibit good weatherability and color stability after cure.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C08G18/42 C08G18/67 C09D175/16 C08J7/04		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols): IPC 7 C08G C09D		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
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X	EP 0 254 232 A (THE GLIDDEN) 27 January 1988 (1988-01-27) examples 1,2	1-4
X	WO 01 30879 A (COOK COMPOSITITES AND POLYMERS/ CRAY VALLEY) 3 May 2001 (2001-05-03) page 2, line 15 - page 7, line 30; claims 1-13; examples	1-4, 11, 12, 20
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<div style="display: flex; justify-content: space-between;"> <input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex. </div>		
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Date of the actual completion of the International search <div style="text-align: center; font-weight: bold;">28 October 2003</div>		Date of mailing of the International search report <div style="text-align: center; font-weight: bold;">05/11/2003</div>
Name and mailing address of the ISA European Patent Office, P.B. 5816 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3015		Authorized officer <div style="text-align: center; font-weight: bold;">Bourgonje, A.</div>

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	<p>EP 0 508 409 A (NIPPON PAINT) 14 October 1992 (1992-10-14) page 2, line 33 - page 4, line 21; claims 1,2; examples</p>	1

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